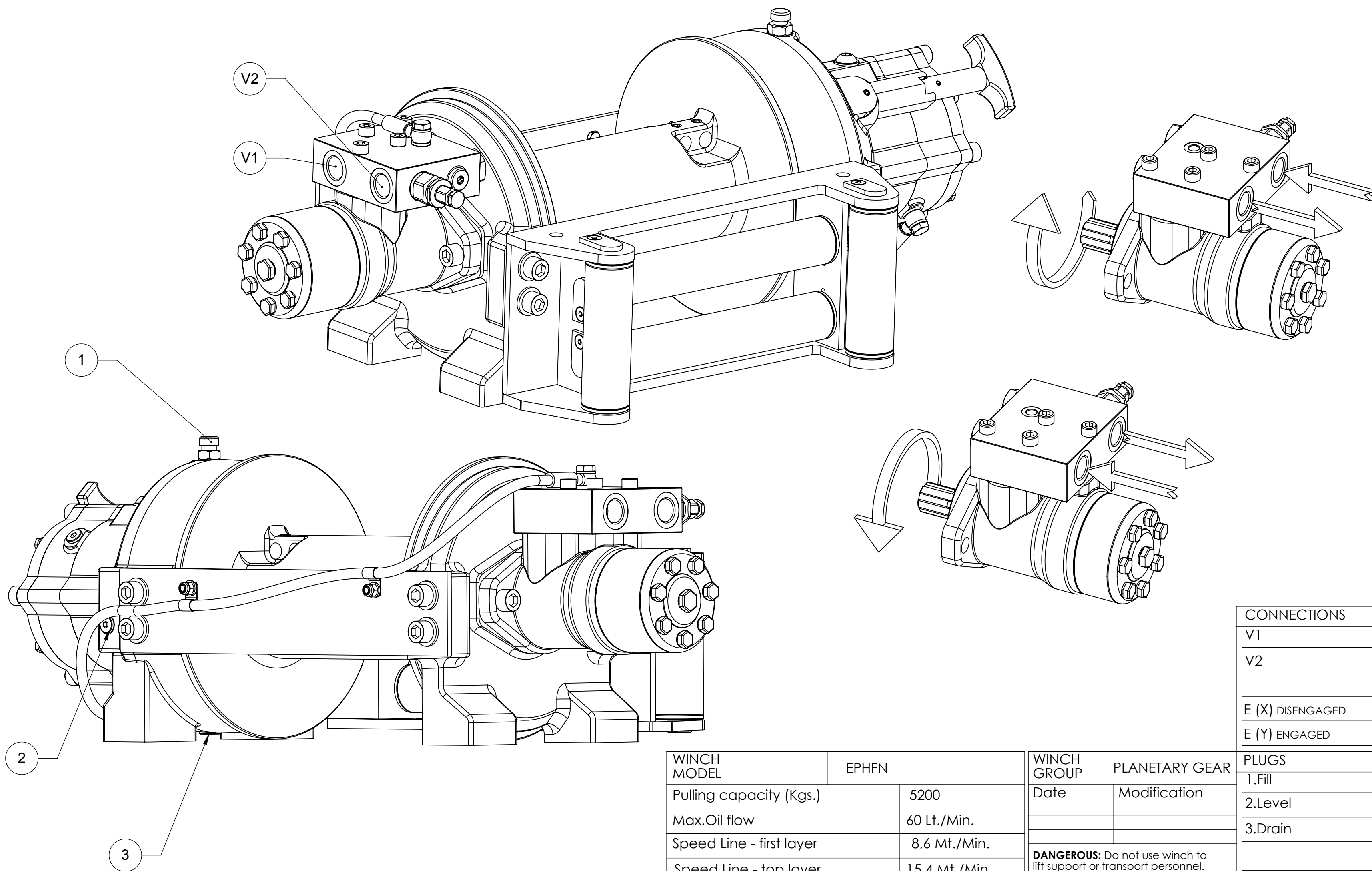
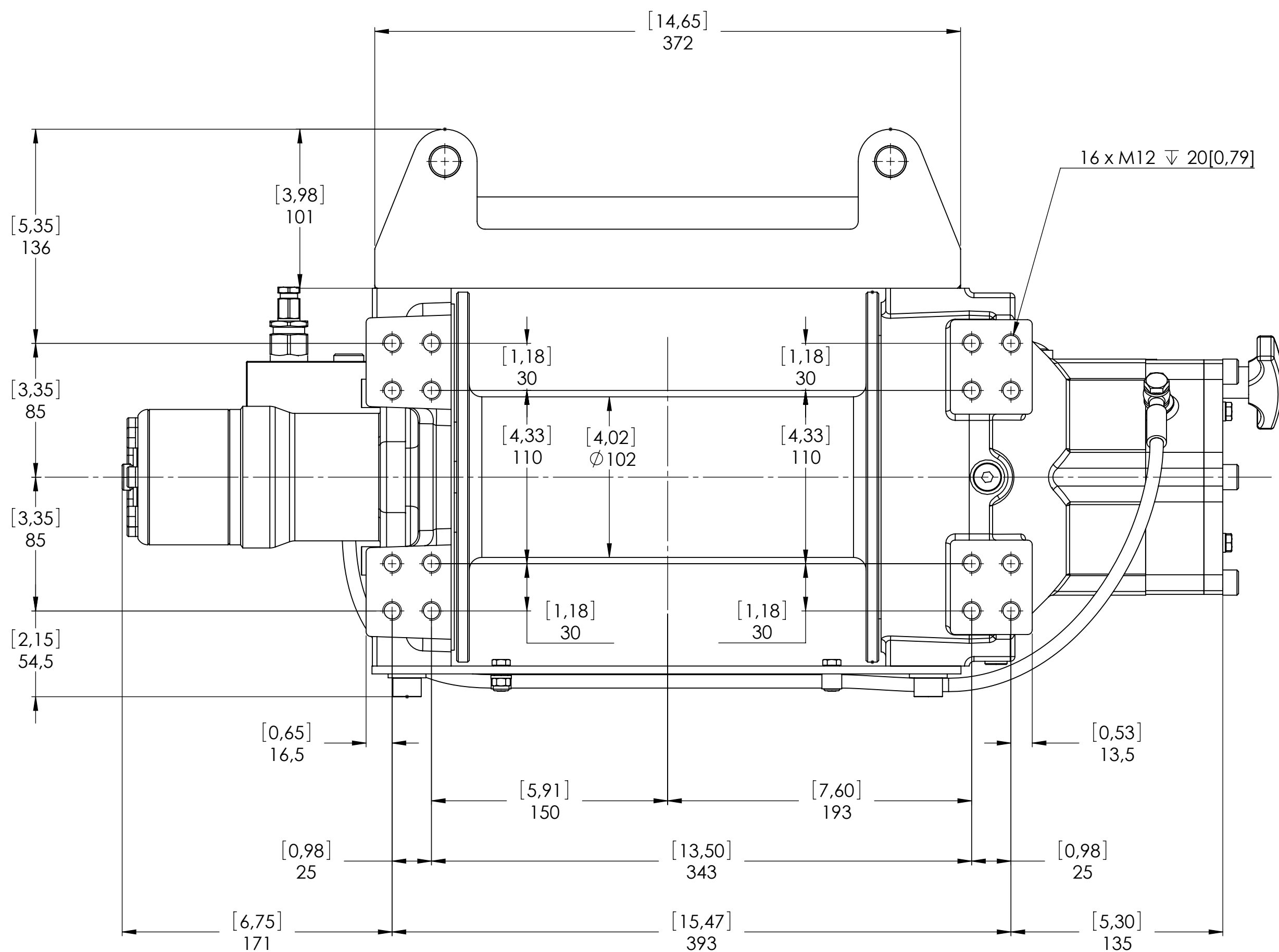
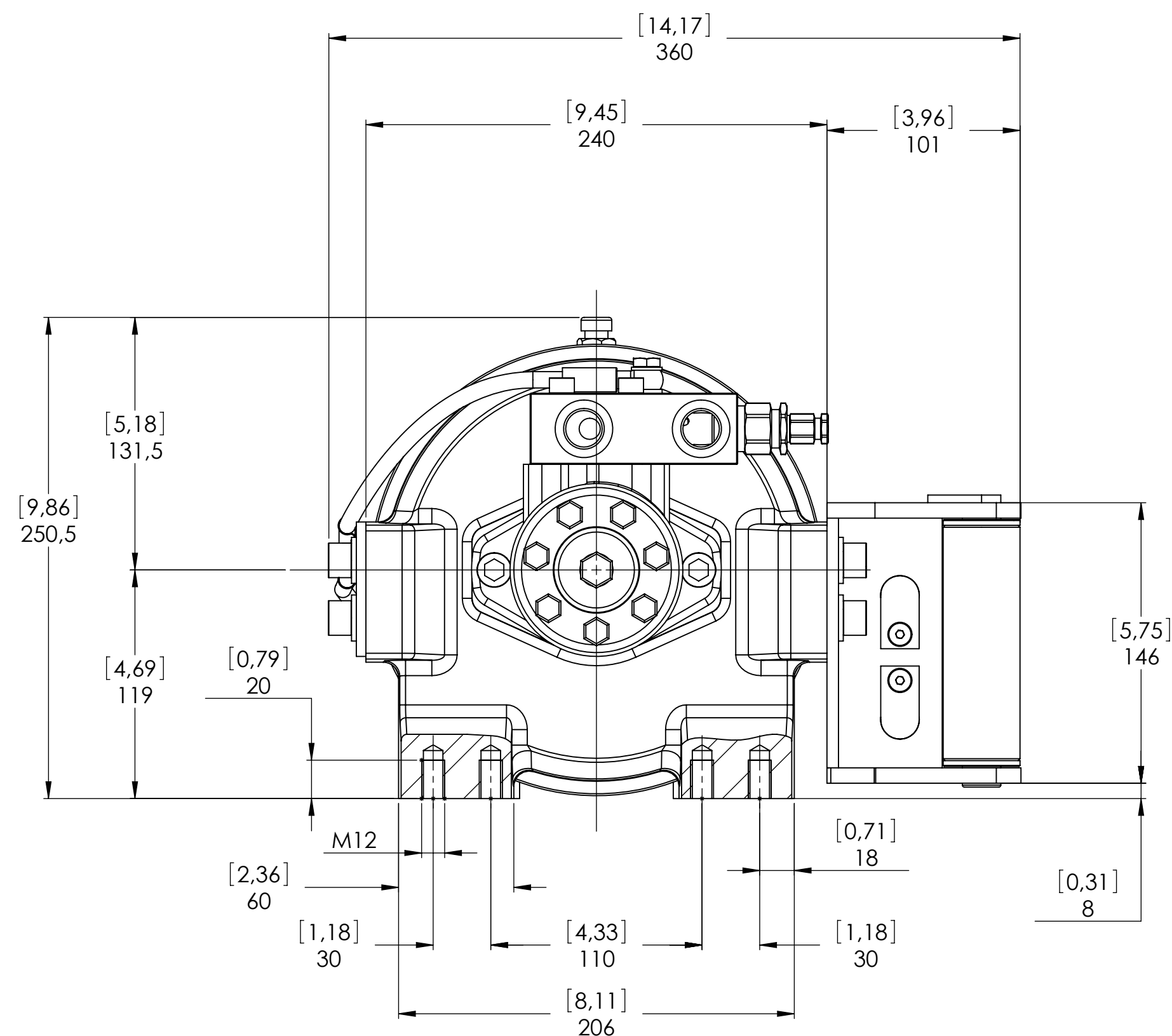
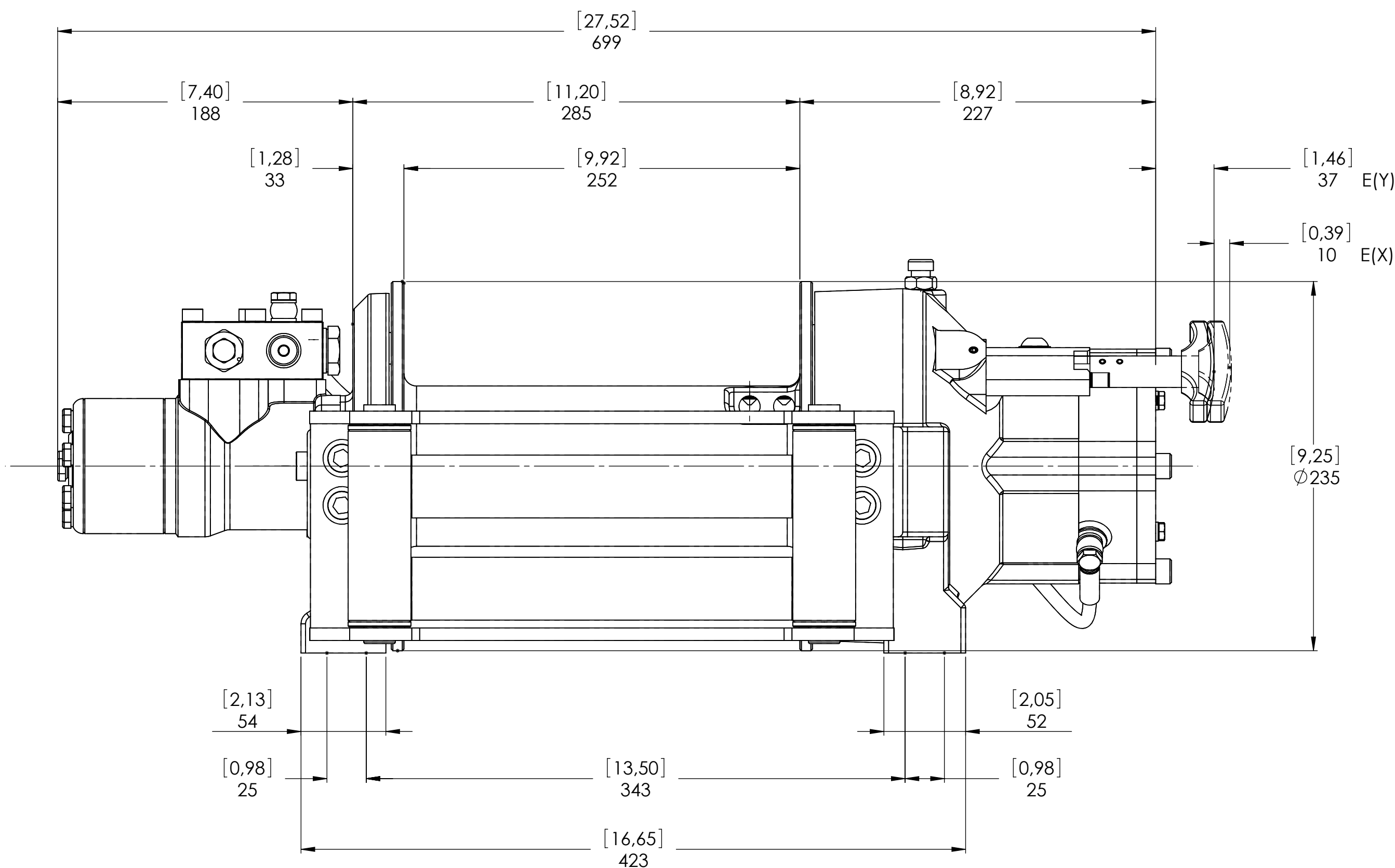


Machinery Directive 2006/42/CE
EN 14492-1



WINCH MODEL		PLANETARY GEAR		CONNECTIONS	
EPHFN		Date		V1	1/2"G
Pulling capacity (Kgs.)		Modification		V2	1/2"G
Max.Oil flow				E (X) DISENGAGED	
Speed Line - first layer				E (Y) ENGAGED	
Speed Line - top layer				PLUGS	
				1.Fill	
				2.Level	
				3.Drain	
				SCALE	
				1: 2.5	
				WEIGHTS	
				Winch	
				Heavy-duty	
				Roller fairlead	
				Rope tensioner	
				CODE	
				EPHFN52D400GV	



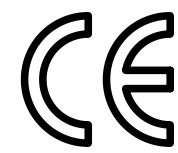
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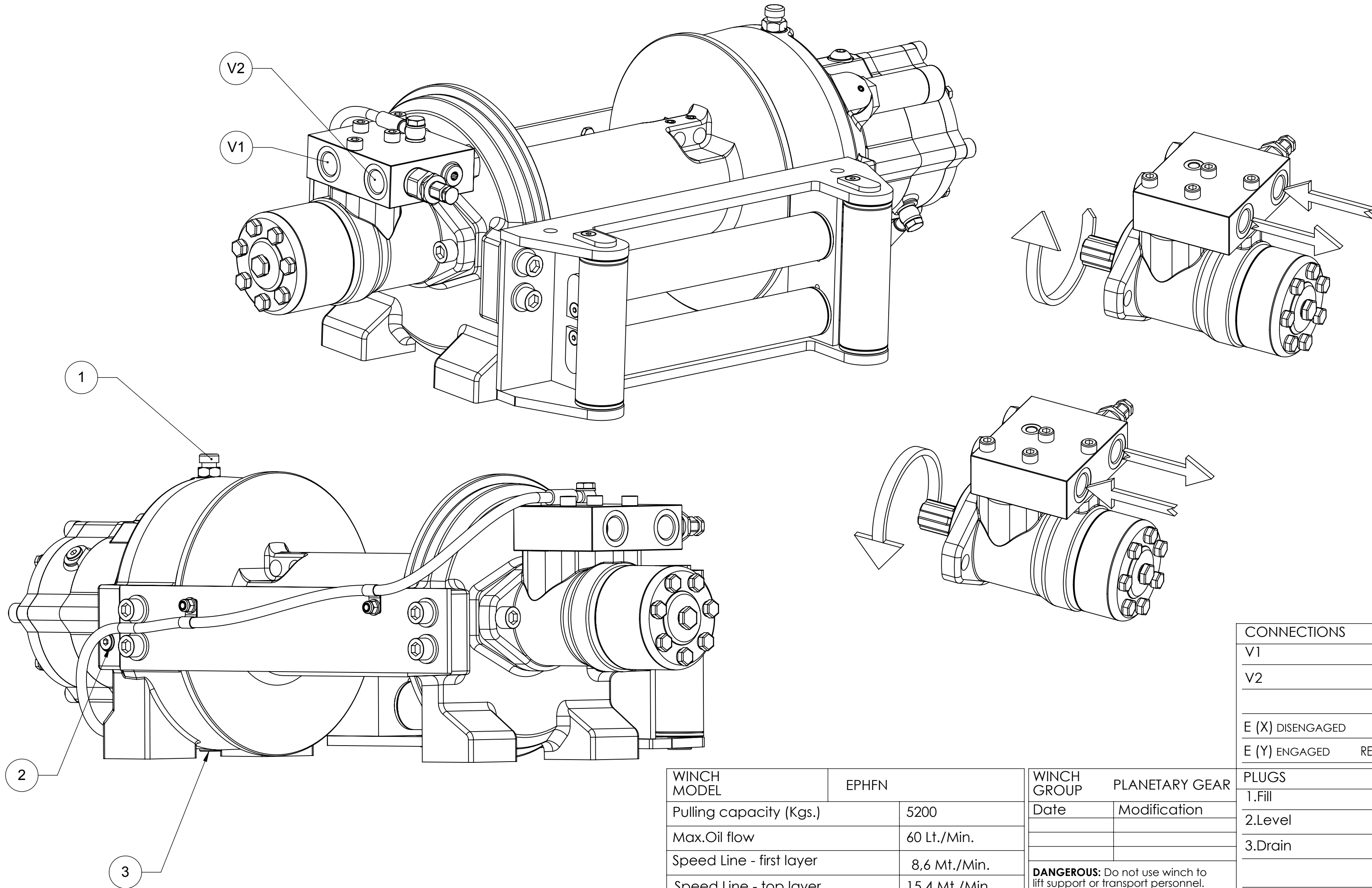
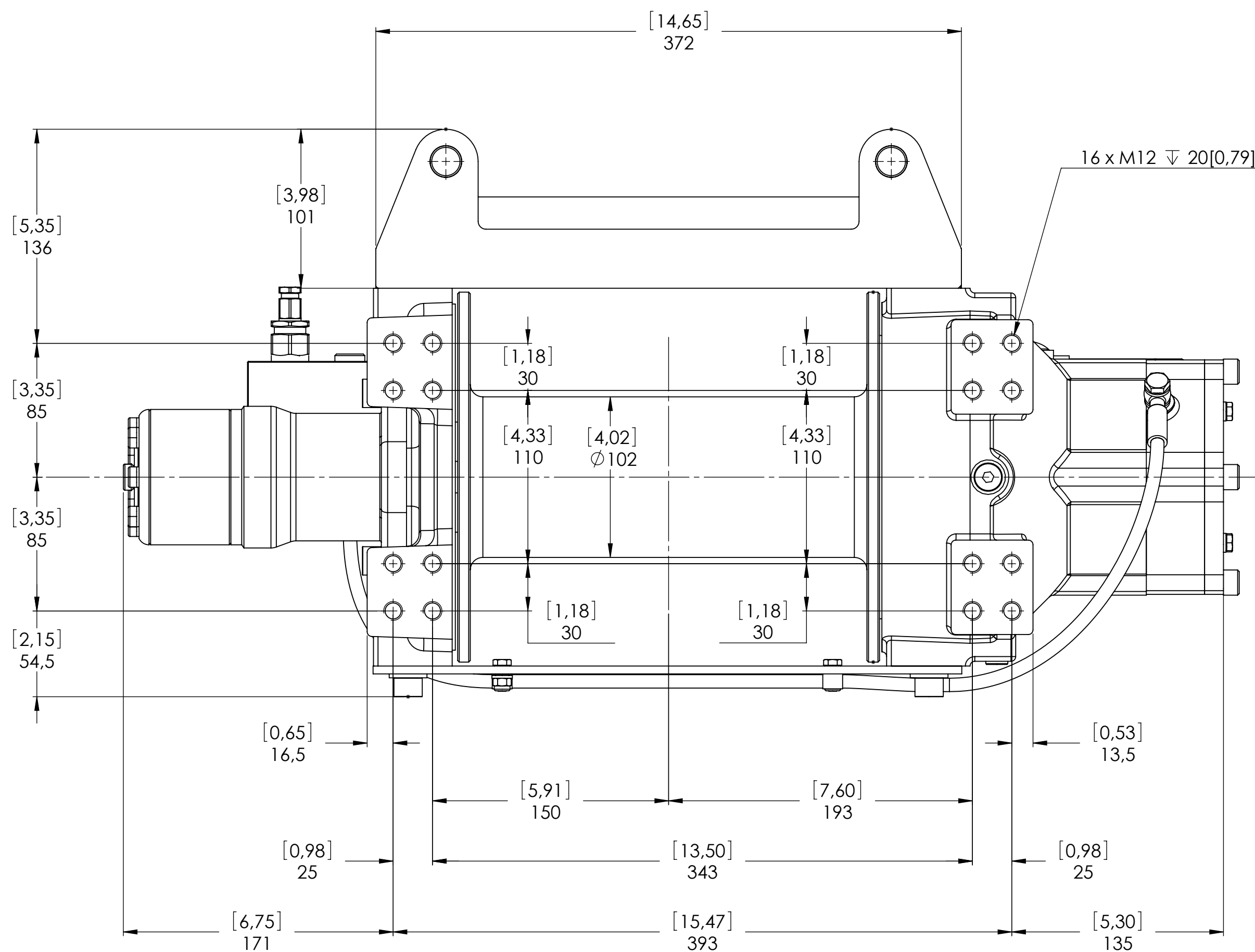
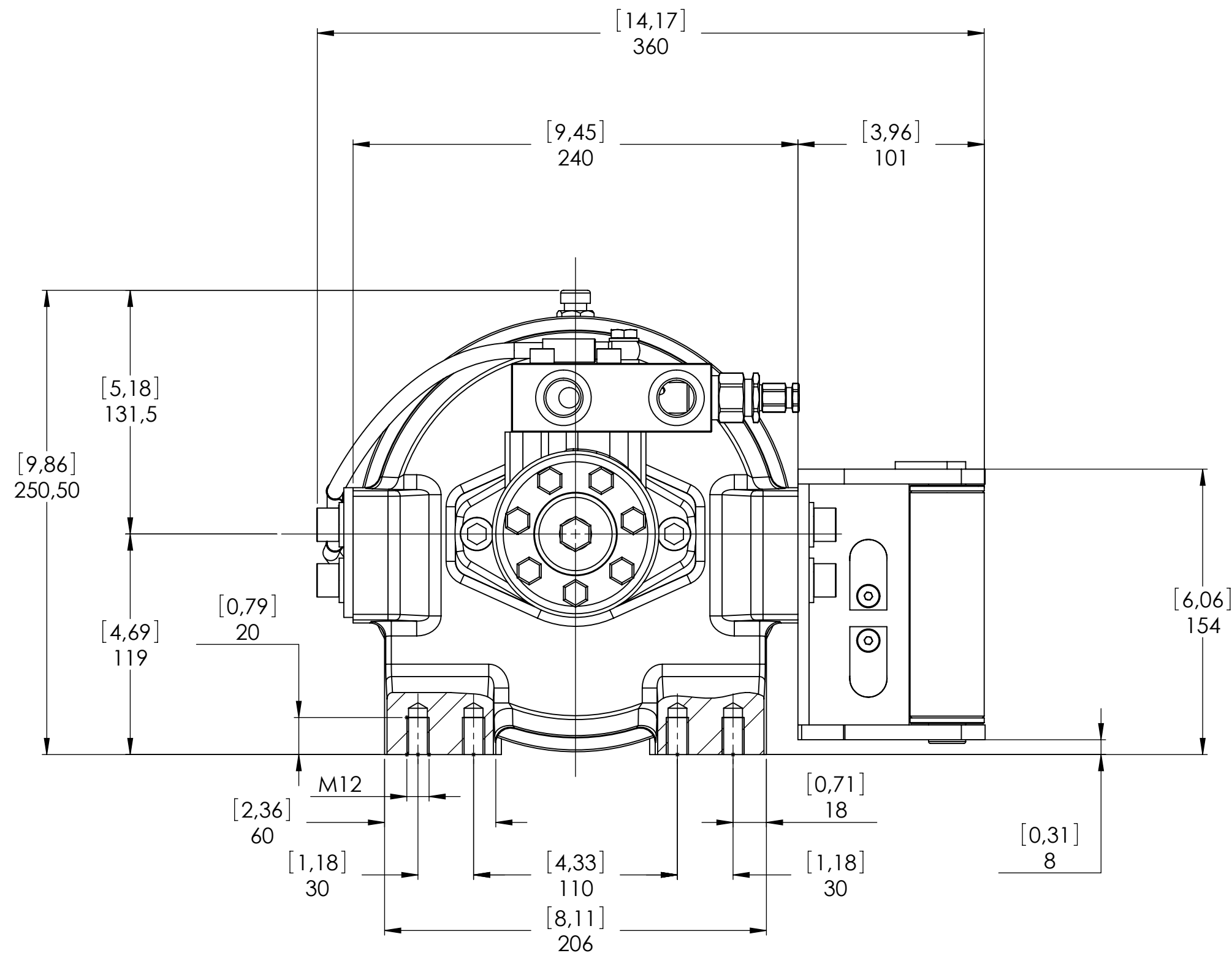
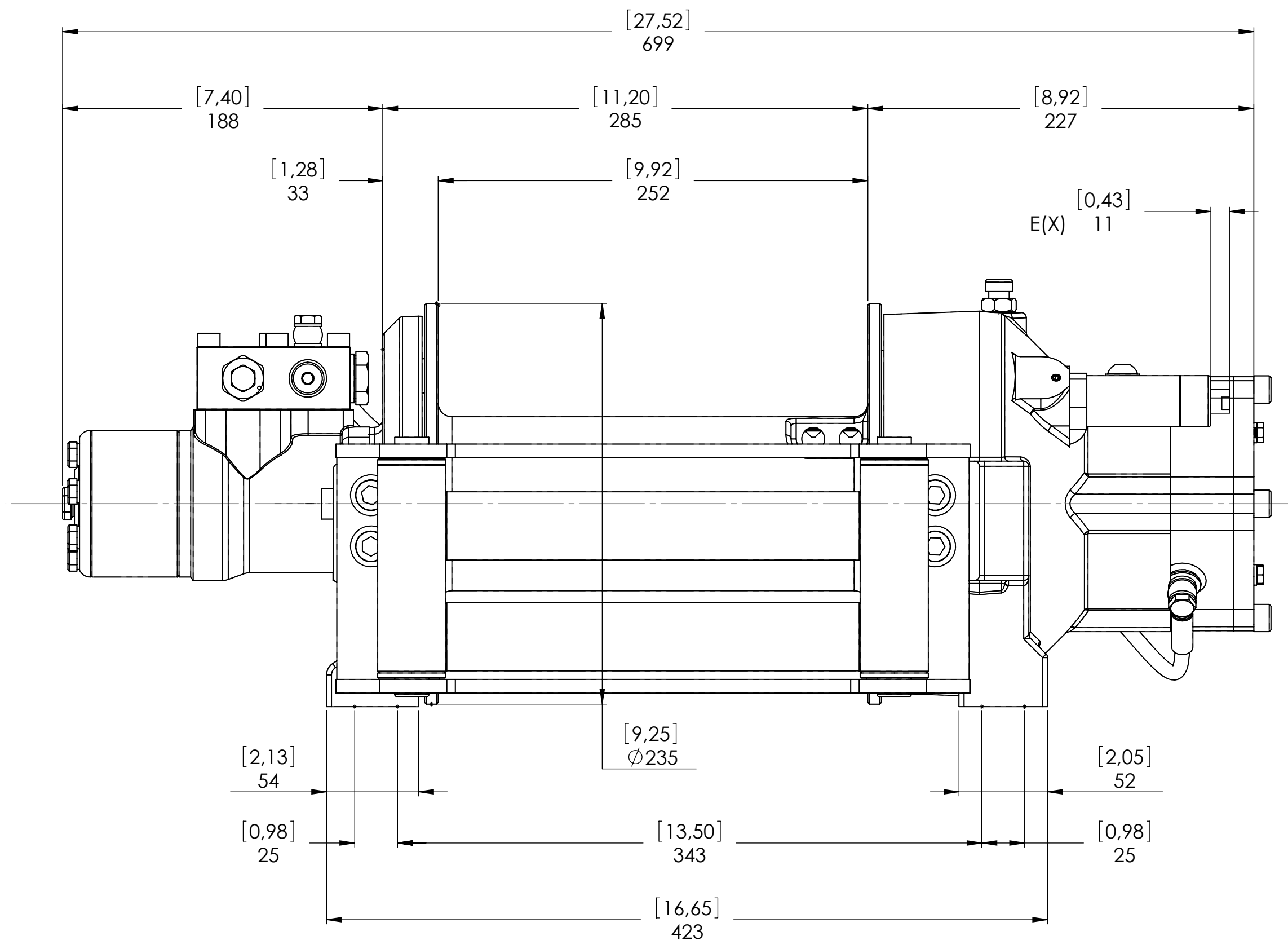
Gear ratio	5,3 : 1
Orbital hydr. motor	400 cc
Working pressure	130 Bar
Drum size	252 mm
Drum clutch	Manual

VIME Industrial : reserves the right to improve its products through changes in designed or materials as it may seem desirable without notice

DATE
26/04/2010



Machinery Directive 2006/42/CE
EN 14492-1



WINCH MODEL		EPHFN		WINCH GROUP		PLANETARY GEAR		CONNECTIONS	
Pulling capacity (Kgs.)		5200		Date		Modification		V1	1/2"G
Max.Oil flow		60 Lt./Min.						V2	1/2"G
Speed Line - first layer		8,6 Mt./Min.						E (X) DISENGAGED	
Speed Line - top layer		15,4 Mt./Min.						E (Y) ENGAGED	
								RETURN SPRING	
								PLUGS	
								1.Fill	1/4"G
								2.Level	1/8"G
								3.Drain	1/4"G
								SCALE	
								1: 2.5	
								WEIGHTS	
								Winch	52,3 Kgs.
								Heavy-duty	
								Roller fairlead	10,3 Kgs.
								Rope tensioner	2 Kgs.
								CODE	
								EPHFN52D400AGV	



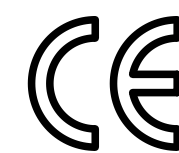
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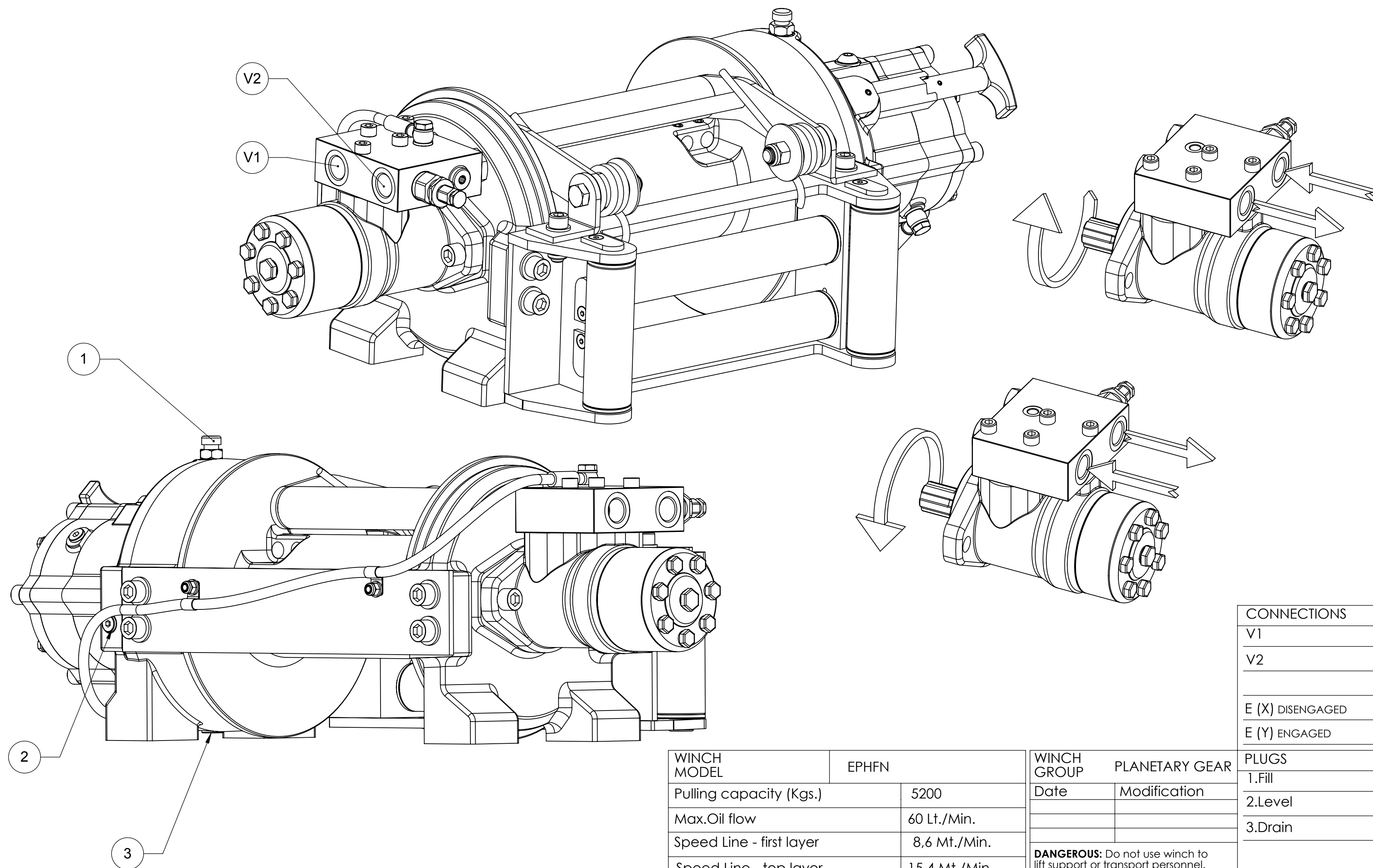
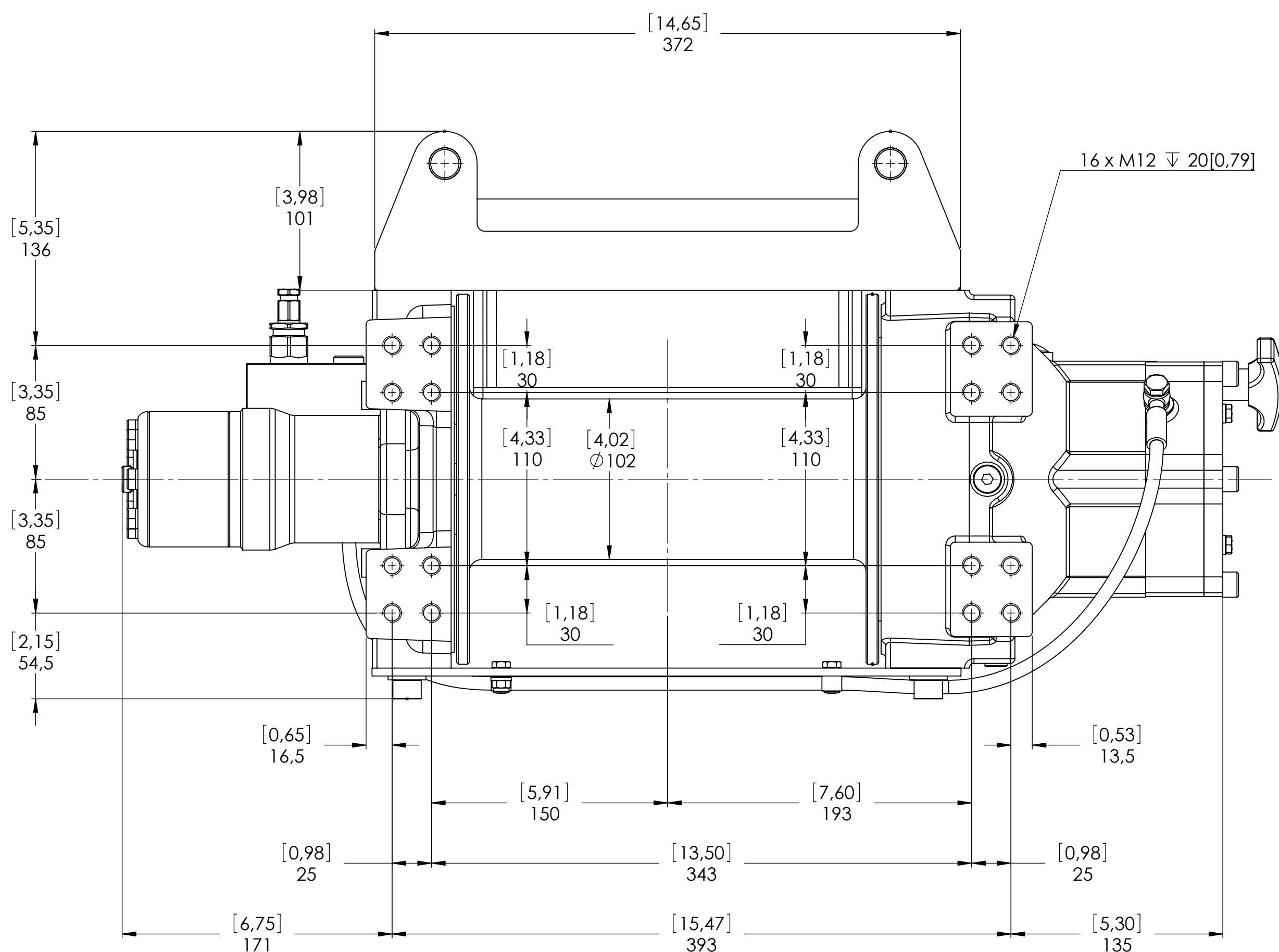
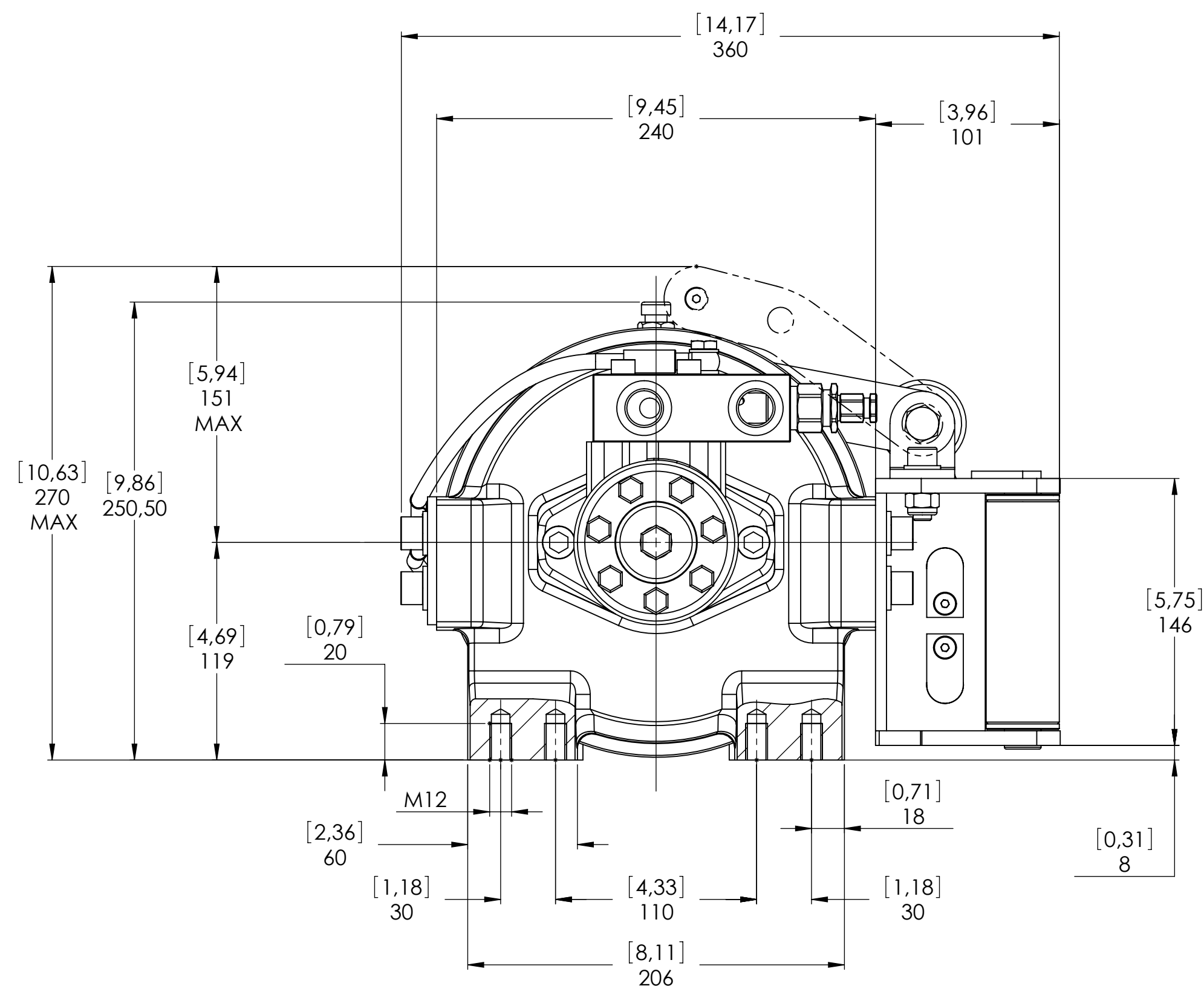
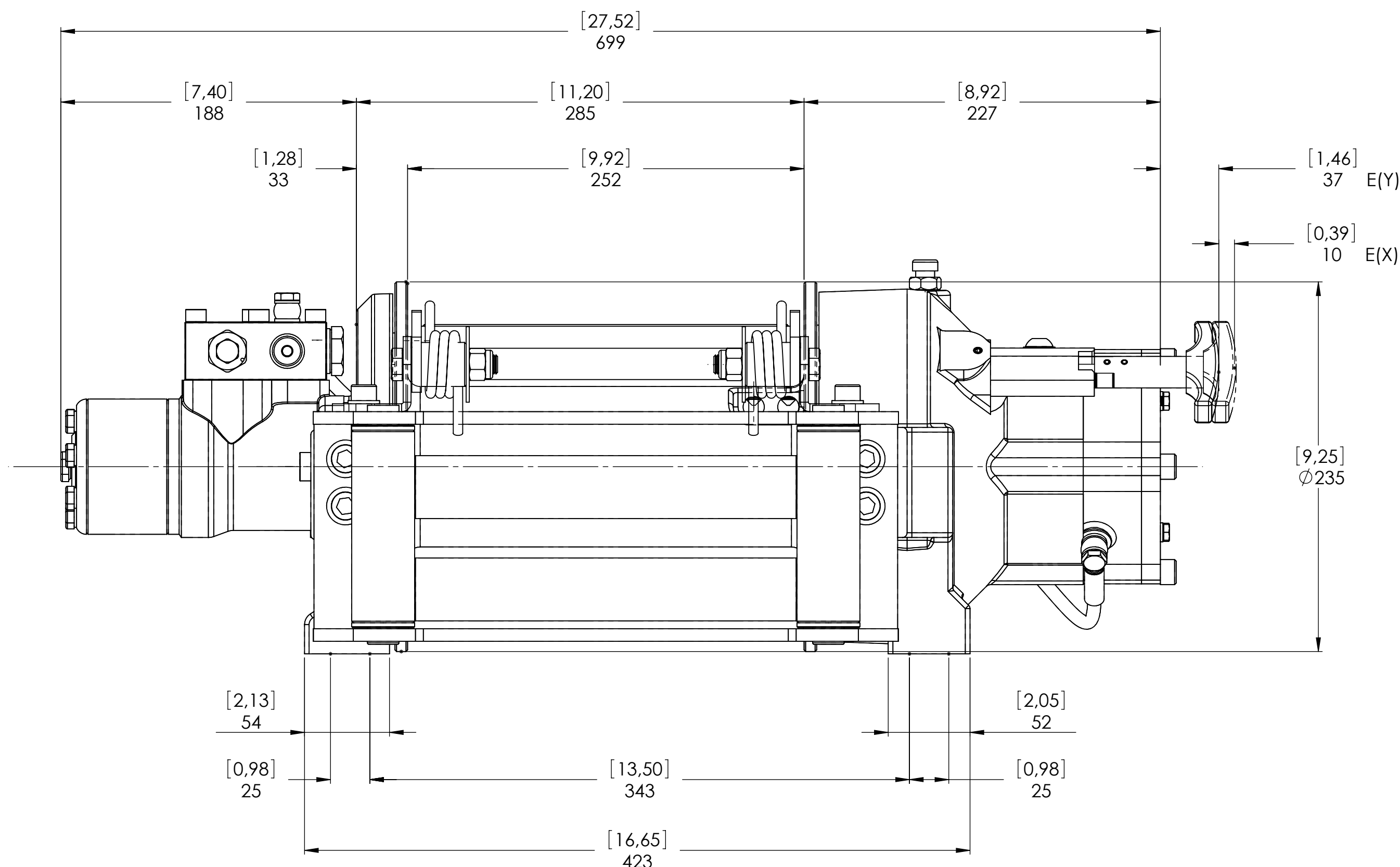
Gear ratio	5,3 : 1
Orbital hydr. motor	400 cc
Working pressure	130 Bar
Drum size	252 mm
Drum clutch	Air-operated

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Machinery Directive 2006/42/CE
EN 14492-1



WINCH MODEL		WINCH GROUP		PLANETARY GEAR		CONNECTIONS	
EPHFN		Date		Modification		V1	1/2"G
Pulling capacity (Kgs.)						V2	1/2"G
Max.Oil flow						E (X) DISENGAGED	
Speed Line - first layer						E (Y) ENGAGED	
Speed Line - top layer						PLUGS	
						1.Fill	
						2.Level	
						3.Drain	
						SCALE	
						1: 2.5	
						WEIGHTS	
						Winch	
						Heavy-duty	
						Roller fairlead	
						Rope tensioner	
						CODE	
						EPHFN52D400GPV	



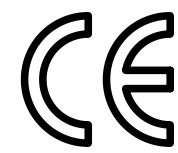
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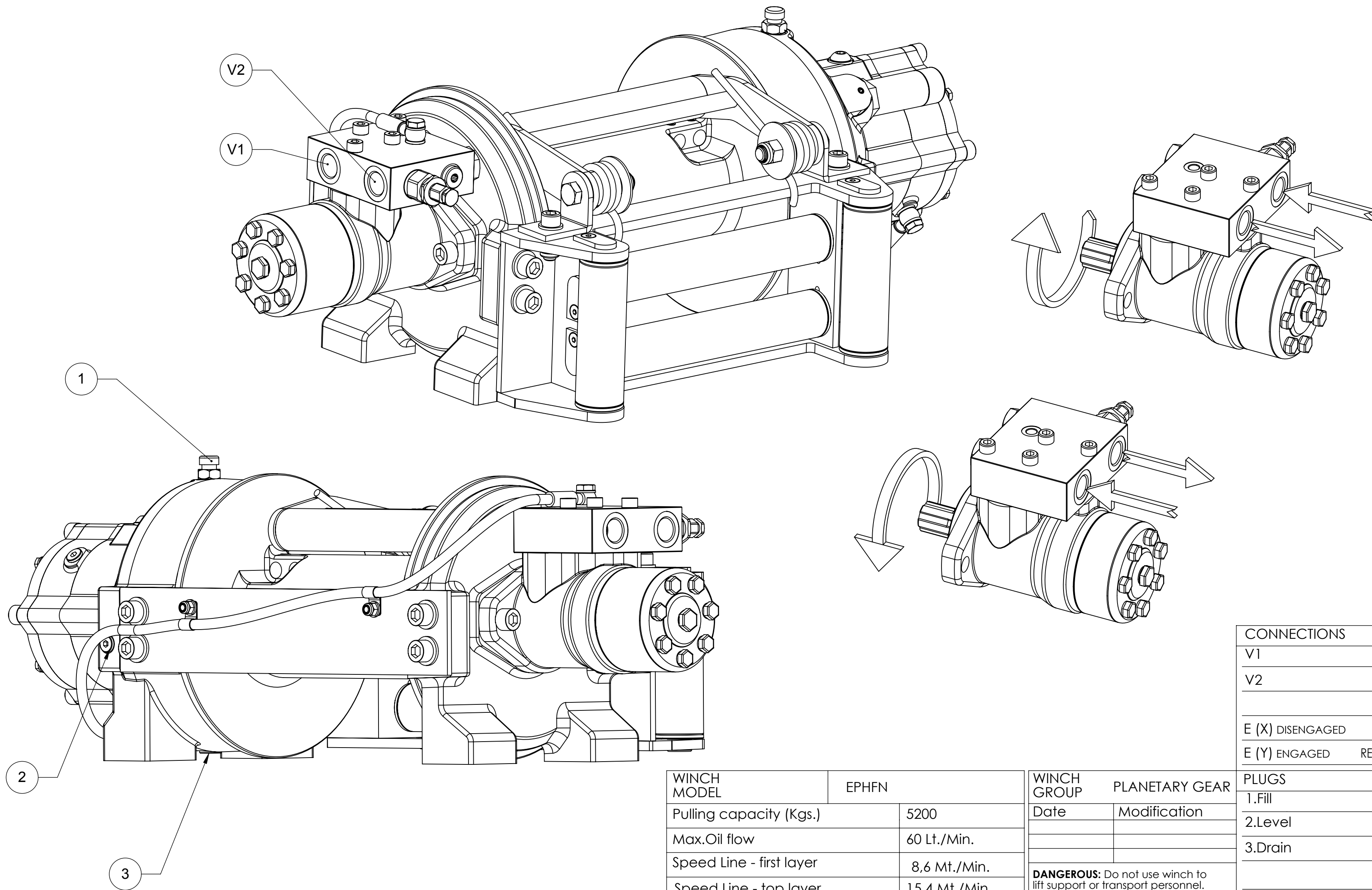
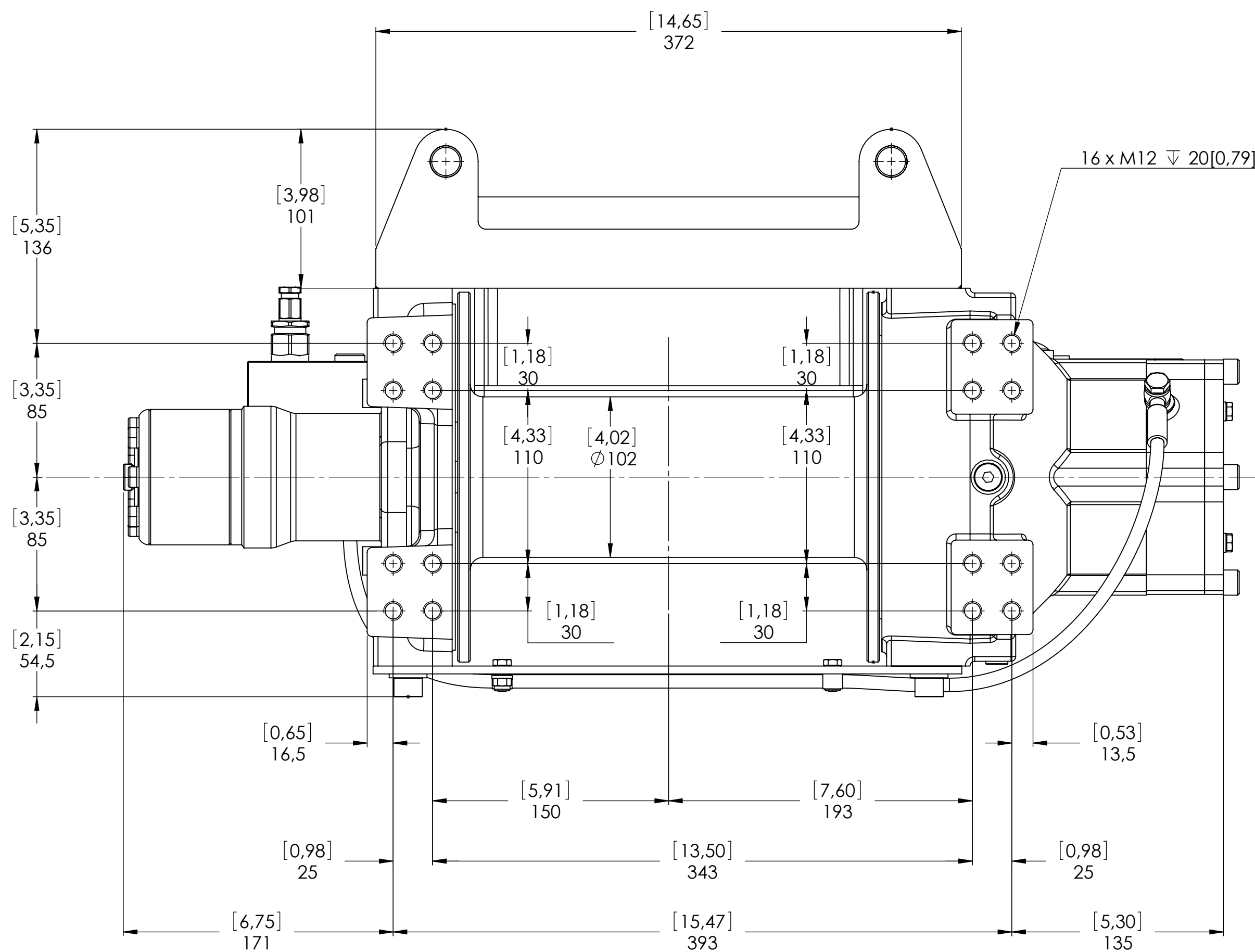
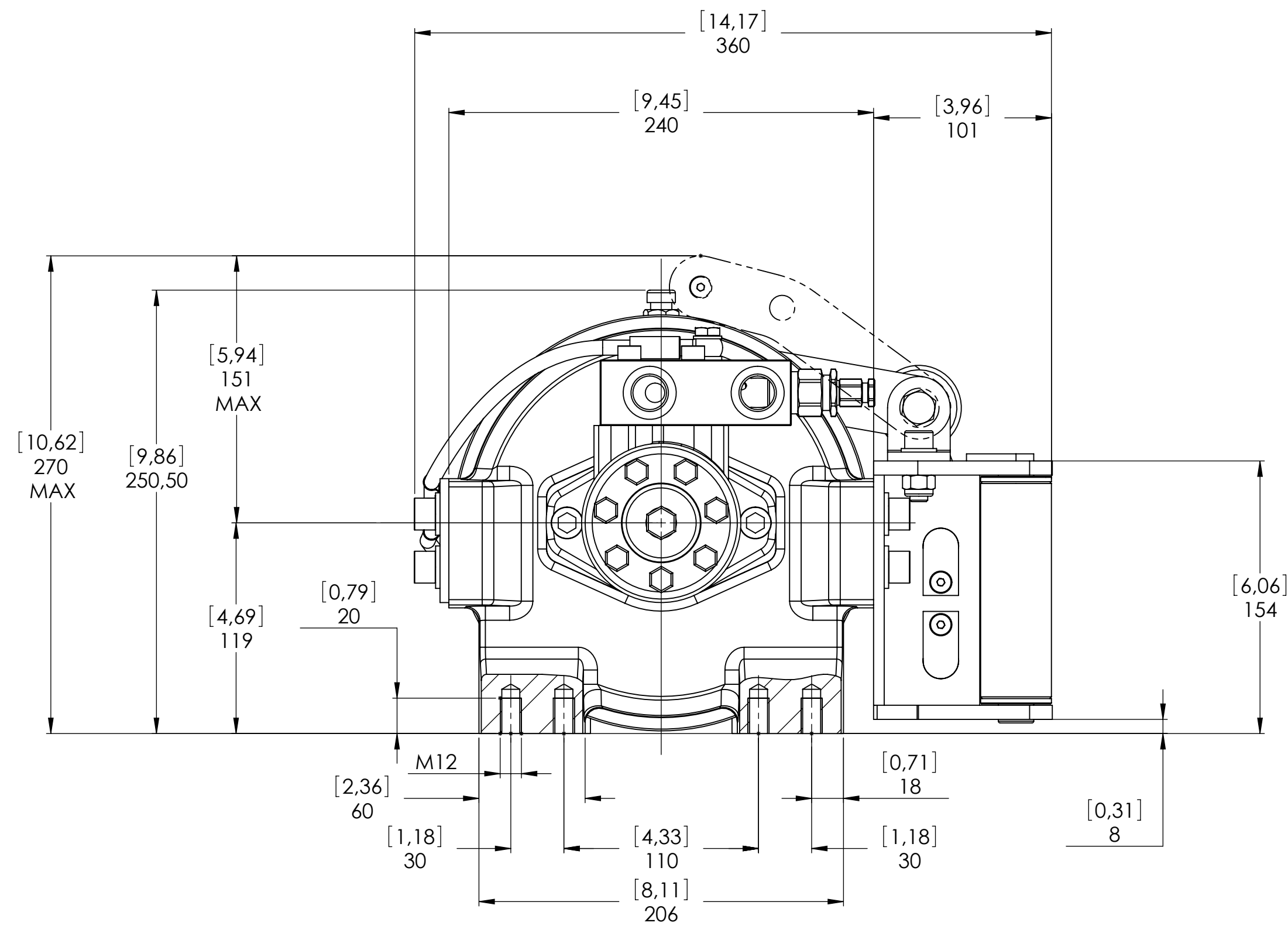
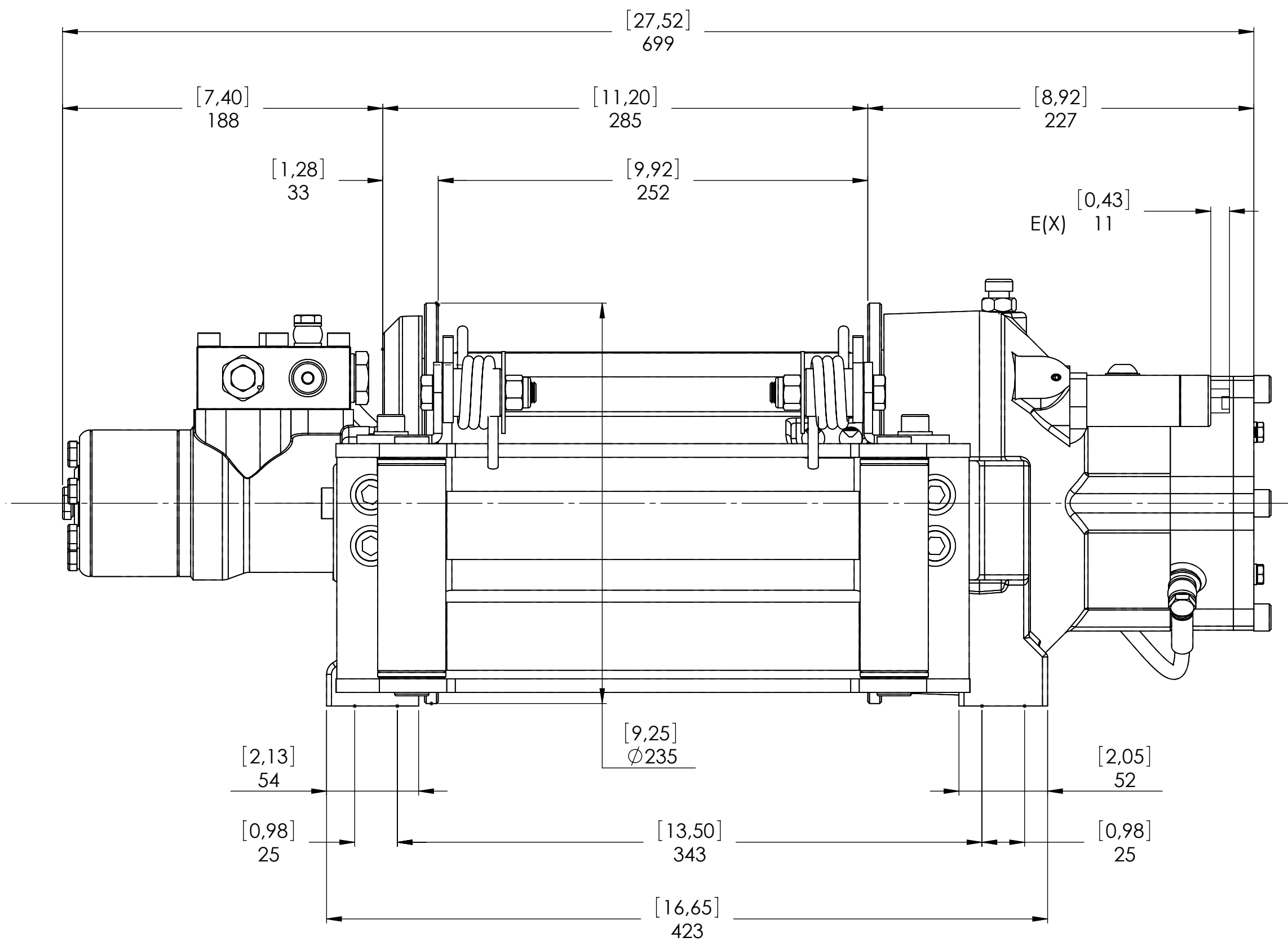
Gear ratio	5,3 : 1
Orbital hydr. motor	400 cc
Working pressure	130 Bar
Drum size	252 mm
Drum clutch	Manual

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Machinery Directive 2006/42/CE
EN 14492-1



WINCH MODEL		EPHFN		WINCH GROUP		PLANETARY GEAR		CONNECTIONS	
Pulling capacity (Kgs.)		5200		Date		Modification		V1	1/2"G
Max.Oil flow		60 Lt./Min.						V2	1/2"G
Speed Line - first layer		8,6 Mt./Min.						E (X) DISENGAGED	
Speed Line - top layer		15,4 Mt./Min.						E (Y) ENGAGED	
								RETURN SPRING	
								PLUGS	
								1.Fill	
								2.Level	
								3.Drain	
								SCALE	
								1: 2.5	
								WEIGHTS	
								Winch	
								Heavy-duty	
								Roller fairlead	
								Rope tensioner	
								CODE	
								EPHFN52D400AGPV	



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Gear ratio	5,3 : 1
Orbital hydr. motor	400 cc
Working pressure	130 Bar
Drum size	252 mm
Drum clutch	Air-operated

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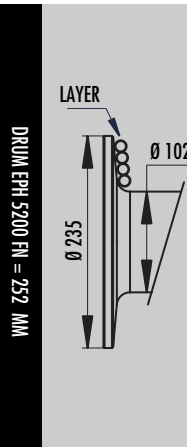
1.4.12 EPH 5200 FN WINCH TECHNICAL DATA

RATIO	WIRE ROPE SIZE [MM]	LAYER	LINE PULL [KG]
5,3:1	11*	1	5.200
		2	4.355
		3	3.745
		4	3.290
		5	2.925

OIL SUPPLY [LT/MIN]	DRUM REVOLUTION [RPM]	LINE SPEED [MT/MIN]				
		1	2	3	4	5
40	14,4	5,1	6,1	7,1	8,1	9,1
50	20,3	7,2	8,6	10,0	11,4	12,8
60	24,4	8,6	10,3	12,0	13,7	15,4

WIRE ROPE MINIMUM BREAKING LOAD EN 14492-1 [KG]	10.400
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LAYER	DRUM DIAMETER		WIRE ROPE ON LAYER		WIRE ROPE QUANTITY	
	Ø MM		[MT]		[MT]	
	Ø MM		11 MM	00 MM	11 MM	00 MM
6	223	-	15,3	-	69,4	-
5	201	-	13,8	-	54,0	-
4	179	-	12,3	-	40,2	-
3	157	-	10,8	-	27,9	-
2	135	-	9,3	-	17,1	-
1	113	-	7,8	-	7,8	-
0	102	-	-	-	-	-



WIRE ROPE CAPACITY [MT]		MAX. WIRE ROPE CAPACITY EN 14492-1 [MT]		MAX. WIRE ROPE CAPACITY [MT]	
11 MM	00 MM	11 MM	00 MM	11 MM	00 MM
30	00	54**	00	69	00

DESCRIPTION	WEIGHTS
	KGS.
WINCH (WITHOUT CABLE)	52,3
ACCESSORY : ROLLERFAIRREAD	9,8
ACCESSORY : CABLE TENSIONER	2,0

NOTES

Specifications are subject to change without notification and without incurring obligation. Specifications in this publication are theoretical and may vary depending on hydraulic system, environment, etc.

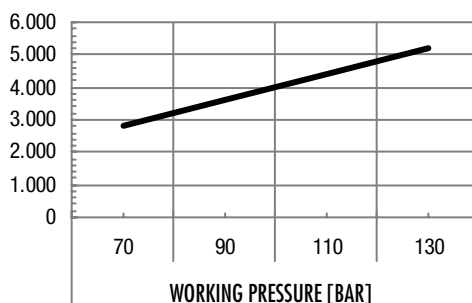
NOTES

*Wire rope size must be respected. Recommended wire rope min. tensile strength 2160 N/mm².
Wire rope minimum breaking load must be at least double of winch max. pulling capacity.

** Max. wire rope capacity according with EN 14492-1.

1.4.13 EPH 5200 FN WINCH PERFORMANCE CHARTS AT THE 1ST LAYER

LINE PULL-FIRST LAYER [KG]



LINE SPEED [M/MIN]

